

## **ABSTRACT OF THE DISCLOSURE**

A marine structure including a platform and a pest deterrent rotatably connected to the platform. The pest deterrent includes a hub rotatably connected to the platform and at least one arm extending radially from the hub where each arm extends from the hub at an angle above  
5 horizontal. Each arm includes an area moment of inertia and a length. A ratio of the area moment of inertia to the length is less than  $0.0001 \text{ inches}^3$ . Each arm further includes a wind collector at an end opposite of the hub.